



PTO/SB/21 (09-08)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/605,319
Filing Date	September 22, 2003
First Named Inventor	David GRIER
Art Unit	2872
Examiner Name	Amel C. LAVARIAS
Attorney Docket Number	71480.0011

ENCLOSURES (Check all that apply)

- | | | |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form
<input checked="" type="checkbox"/> Fee Attached
<input type="checkbox"/> Amendment/Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input type="checkbox"/> Information Disclosure Statement

<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Reply to Missing Parts/
Incomplete Application
<input type="checkbox"/> Reply to Missing Parts
under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)
<input type="checkbox"/> Licensing-related Papers
<input checked="" type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a
Provisional Application
<input type="checkbox"/> Power of Attorney, Revocation
<input type="checkbox"/> Change of Correspondence Address
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Request for Refund
<input type="checkbox"/> CD, Number of CD(s) _____
<input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Appeal Communication to Board
of Appeals and Interferences
<input type="checkbox"/> Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Other Enclosure(s) (please identify
below):
- Petition for Certificate of Correction Under
37 CFR 3.81(b) |
|--|--|--|

Remarks

Please charge any fees or credit any overpayments to Deposit Account No. 50-0951.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	AKERMAN SENTERFITT		
Signature	<i>Jean C. Edwards</i>		
Printed name	Jean C. Edwards, Esq.		
Date	November 4, 2008	Reg. No.	41,728

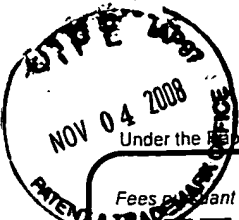
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2009

☒ Applicant claims small entity status. See 37 CFR 1.27**Complete if Known**

Application Number	10/605,319
Filing Date	September 22, 2003
First Named Inventor	David GRIER
Examiner Name	Arnel C. LAVARIAS
Art Unit	2872
Attorney Docket No.	71480.0011

TOTAL AMOUNT OF PAYMENT (\$)
230.00**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 50-0951 Deposit Account Name: AKERMAN SENTERFITT

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	330	165	540	270	220	110	
Design	220	110	100	50	140	70	
Plant	220	110	330	165	170	85	
Reissue	330	165	540	270	650	325	
Provisional	220	110	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Fee (\$)	Small Entity Fee (\$)
52	26

Each independent claim over 3 (including Reissues)

220	110
-----	-----

Multiple dependent claims

390	195
-----	-----

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	=	

Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=	

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)

Other (e.g., late filing surcharge): \$100 fee under 37 CFR 1.20(a) and \$130 fee under 37 CFR 1.17(i)

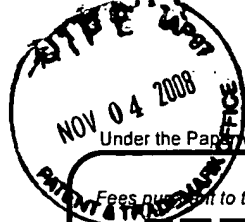
230.00

SUBMITTED BY

Signature	<u>Jean C. Edwards</u>	Registration No. (Attorney/Agent)	41,728	Telephone	202-824-1719
Name (Print/Type)	Jean C. Edwards, Esq.			Date	November 4, 2008

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL

For FY 2009

☒ Applicant claims small entity status. See 37 CFR 1.27

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Complete if Known

Application Number	10/605,319
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First Named Inventor	David GRIER
Examiner Name	Arnel C. LAVARIAS
Art Unit	2872
Attorney Docket No.	71480.0011

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

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☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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1. BASIC FILING, SEARCH, AND EXAMINATION FEES

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	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
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Plant	220	110	330	165	170	85	
Reissue	330	165	540	270	650	325	
Provisional	220	110	0	0	0	0	

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Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	52	26
Each independent claim over 3 (including Reissues)	220	110
Multiple dependent claims	390	195
Total Claims	Extra Claims	Fee (\$)
- 20 or HP = _____ x _____ = _____		
HP = highest number of total claims paid for, if greater than 20.		
Indep. Claims	Extra Claims	Fee (\$)
- 3 or HP = _____ x _____ = _____		
HP = highest number of independent claims paid for, if greater than 3.		

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Total Sheets _____ Extra Sheets _____ Number of each additional 50 or fraction thereof _____ Fee (\$)
_____ - 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____ Fee Paid (\$)

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount) Fees Paid (\$)
Other (e.g., late filing surcharge): \$100 fee under 37 CFR 1.20(a) and \$130 fee under 37 CFR 1.17(i) 230.00

SUBMITTED BY

Signature	<u>Jean C. Edwards</u>	Registration No. (Attorney/Agent)	41,728	Telephone	202-824-1719
Name (Print/Type)	Jean C. Edwards, Esq.			Date	November 4, 2008

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

David GRIER et al.

Confirmation No.: 2318

Filed: September 22, 2003

Group Art Unit: 2872

Application No.: 10/605,319

Examiner: Arnel C. LAVARIAS

Patent No.: 7,227,688

Atty Dkt No: 71480.0011

Issue Date: June 5, 2007

Customer No.: 57362

For: APPARATUS FOR APPLYING OPTICAL GRADIENT FORCES

PETITION FOR CERTIFICATE OF CORRECTION UNDER 37 CFR 3.81(b)

MAIL STOP PETITIONS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

On behalf of the Assignee of Record, and under the provisions of 37 CFR 3.81(b), the undersigned hereby petitions for a Certificate of Correction pursuant to 37 C.F.R. § 1.322 to be issued on the above-entitled patent. The corrections are indicated, in appropriate form, on attached Form PTO/SB/44, which is submitted in duplicate. Please also find enclosed a USPTO Fee Transmittal Form, authorizing payment of \$100.00 for the Certificate of Correction fee under 37 CFR 1.20(a), and \$130.00 for the processing fee under 37 CFR 1.17(i). The requested corrections relate to errors which were made by the U.S. Patent Office and do not constitute new matter or require reexamination. The correct assignment was recorded on July 5, 2007, at reel 019594, frame 0763.

11/05/2008 AMUNDRA1 00000014 500951 7227688

01 FC:1811 100.00 DA
02 FC:1464 130.00 DA

For the foregoing reasons, it is respectfully requested that the Commissioner issue a Certificate of Correction making the aforementioned requested corrections. The Examiner is invited to call the undersigned if clarification is required.

The Commissioner is directed and authorized to charge any additional fees or any underpayment of fees which may be required to maintain the pendency of this case or credit any overpayment to Deposit Account No. 50-0951.

Jean C. Edwards

Jean C. Edwards
Registration No. 41,728

AKERMAN SENTERFITT
801 Pennsylvania Avenue N.W.
Suite 600
Washington DC 20004
Telephone: 202-824-1719
Facsimile: 202-824-1791
Date: November 4, 2008

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,227,688
APPLICATION NO.: 10/605,319
ISSUE DATE : June 5, 2007
INVENTOR(S) : David GRIER and Eric DUFRESNE

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The assignee as currently stated on the patent on page 1, item 73 is the National Science Foundation of Arlington, VA (US). Please correct the assignee to read as --Arch Development Corporation--. The correct assignment was recorded on July 5, 2007, at reel 019594, frame 0763.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Jean C. Edwards, Esq., Akerman Senterfitt
801 Pennsylvania Avenue, NW, Suite 600
Washington, DC 20004

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 7,227,688
APPLICATION NO.: 10/605,319
ISSUE DATE : June 5, 2007
INVENTOR(S) : David GRIER and Eric DUFRESNE

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The assignee as currently stated on the patent on page 1, item 73 is the National Science Foundation of Arlington, VA (US). Please correct the assignee to read as --Arch Development Corporation--. The correct assignment was recorded on July 5, 2007, at reel 019594, frame 0763.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Jean C. Edwards, Esq., Akerman Senterfitt
801 Pennsylvania Avenue, NW, Suite 600
Washington, DC 20004

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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